

## **Per Peterson**

Per F. Peterson is Professor and a former chair of the Department of Nuclear Engineering at the University of California, Berkeley. He received his BS in Mechanical Engineering at the University of Nevada, Reno, in 1982. After working at Bechtel on high-level radioactive waste processing from 1982 to 1985, he received a MS degree in Mechanical Engineering at the University of California, Berkeley in 1986 and a Ph.D. in 1988. He was a National Science Foundation Presidential Young Investigator from 1990 to 1995. He is past chairman of the Thermal Hydraulics Division (1996-1997) and a Fellow (2002) of the American Nuclear Society, a recipient of the Fusion Power Associates Excellence in Fusion Engineering Award (1999), and has served as editor for three journals.

Prof. Peterson's work focuses on applications in energy and environmental systems, including passive reactor safety systems, inertial fusion energy, and nuclear materials management. His research interests focus on thermal hydraulics, scaling, heat and mass transfer, fluid dynamics, and phase change. He is author of over 70 archival journal articles and over 80 conference publications on these topics.

(<http://www.nuc.berkeley.edu/html/people/faculty/peterson.html>)